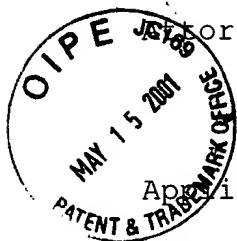


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Attorney Docket No. 00691/LH

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicant(s) : Tetsushi YOSHIDA et al
Serial No. : 09/669,946

Filed : September 26, 2000

For : LIQUID CRYSTAL DISPLAY
APPARATUS USING POLARIZING
ELEMENT TRANSMITTING ONE OF
TWO POLARIZING COMPONENTS
CROSSING AT RIGHT ANGLES
AND REFLECTING THE OTHER
COMPONENT

Art Unit : 2871

Examiner :

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

S I R :

Submitted herewith is a copy of WO 97/01789 and a Form
PTO-1449 listing the particulars thereof. It is requested that
the Examiner return an initialed copy of the Form PTO-1449 to
confirm that the WO 97/01789 has been considered and made of
record.

WO 97/01789 is in the English language.

DISCUSSION

WO 97/01789 discloses switchable optical-panel 10 wherein an
optically active layer made of a liquid crystal device is
sandwiched between first reflective polarizer 32 and second
reflective polarizer 34. The switchable optical-panel 10 is

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S. Dianne Franklin

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May 15, 2001

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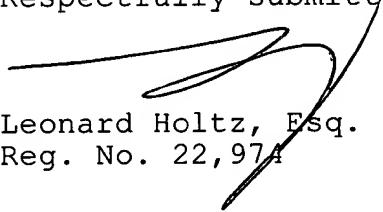
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available for switchable window 62 which is switchable between a reflecting state and a transmitting state.

WO 97/01789 also discloses transflective optical display 128 wherein the switchable transflector 136 made of the switchable optical-panel is sandwiched between liquid crystal display device 130 and backlight 132.

WO 97/01789, however, discloses that the switchable optical-panel made up of the liquid crystal device and first and second reflective polarizers is utilized as an optical device which is switchable between a transmitting function and a reflecting function. WO 97/01789 does not disclose such a liquid crystal display apparatus of the present invention, wherein a reflective polarizer device is arranged in front and rear of a liquid crystal display device to show an image etc., and wherein an optical change by application of an electric field from the front-side reflective polarizer device to the liquid crystal display device is observed as an image.

Respectfully submitted,


Leonard Holtz, Esq.
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Dated: May 15, 2001

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